

Amendments to the Abstract:

Please replace the Abstract paragraph with the following:

A composite magnetic head according to one embodiment of the invention comprises a lower magnetic shield disposed above a substrate, a lower gap layer, a first ferromagnetic layer, a non-magnetic layer, a second ferromagnetic layer, an anti-ferromagnetic layer, first electrode layers, magnetic domain control layers, second electrode layers, an upper gap layer, an upper magnetic shield, and an inductive magnetic head. The anti-ferromagnetic layer has non-magnetic regions on both ends thereof, and the first electrode layers are disposed respectively on the non-magnetic regions of the anti-ferromagnetic layer. The magnetic domain control layers are disposed respectively on the ends of a stack of layers consisting of the lower magnetic shield, the lower gap layer, the first ferromagnetic layer, the non-magnetic layer, the second ferromagnetic layer, the anti-ferromagnetic layer, and the first electrode layers. A magnetoresistive film 4, hard magnetic layers 22a and 22b disposed from both ends thereof for stabilizing the magnetoresistive film 4 and main electrode layers 24a, 24b for applying a current for sensing are disposed, the width of the pinning layer 12 is made narrower relative to the width of the free layer 14 in the magnetoresistive film 4 and overlaid electrode layers 21a, 21b are respectively disposed between the main electrode layer 24a and one end of the pinning layer 12 and between the main electrode layer 24b and the other end of the pinning layer 12. Thus, the respective low sensitivity regions near the contact portions respectively located between the hard magnetic layer 22a and one end of the magnetoresistive film 4 and between the hard magnetic layer 22b and the other end of the magnetoresistive film 4 are made into insensitive regions.